

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER  
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE  
STATE OF NEVADA HERETOFORE APPROPRIATEDDate of filing in State Engineer's Office MAY 17 1985Returned to applicant for correction JUN 7 1985Corrected application filed \_\_\_\_\_ Map filed JUN 14 1985The applicant Frank R. WarrenBox 915 of Rancho Santa Fe  
Street and No. or P.O. Box No. City or TownCalifornia 92067 hereby makeS application for permission to change the  
State and Zip Code No.Point of DiversionPoint of diversion, manner of use, and/or place of use  
of water heretofore appropriated under Permit No. 40309  
(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and  
identify right in Decree.)

1. The source of water is Underground  
Name of stream, lake, underground spring or other source.
2. The amount of water to be changed One (1.0)  
Second feet, acre feet. One second foot equals 448.83 gallons per minute.
3. The water to be used for Geothermal  
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.
4. The water heretofore permitted for Geothermal  
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.
5. The water is to be diverted at the following point Within the SW $\frac{1}{4}$  NW $\frac{1}{4}$  Sec 26,  
Describe as being within a 40-acre subdivision of public survey and by course and  
T. 19N., R. 19E., M.D.B.&M. from which point the west quarter corner  
distance to a section corner. If on unsurveyed land, it should be stated.  
of said Sec. 26 lies S 12° 18' 40"W 980.55 feet.
6. The existing permitted point of diversion is located within NW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec 26, T. 19N., R. 19E., M.D.B.&M.  
If point of diversion is not changed, do not answer.  
from which point the west quarter corner of said Sec. 26 lies N 82°  
00'W 745 feet.
7. Proposed place of use Unchanged  
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.
8. Existing place of use Portions of W $\frac{1}{2}$  NW $\frac{1}{4}$  and NW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 26, T. 19N., R. 19E.  
Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or  
M.D.B.&M.  
manner of use of irrigation permit, describe acreage to be removed from irrigation.
9. Use will be from January 1 to December 31 of each year.  
Month and Day Month and Day
10. Use was permitted from January 1 to December 31 of each year.  
Month and Day Month and Day
11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and  
specifications of your diversion or storage works.) Water to be diverted from geothermal  
well equipped with pump and heat exchanger, and then returned to an injection well via a pipeline.  
State manner in which water is to be diverted, i.e. diversion structure, ditches,  
pipes and flumes, or drilled well, etc.
12. Estimated cost of works \$ 75,000.00
13. Estimated time required to construct works One year

14. Estimated time required to complete the application of water to beneficial use..... Five years.
15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Water to be used for space heating of approximately 60  
single-family dwellings. All water will be returned to the  
same zone from which removed via an injection well.

By s/Donald C. Osborne  
Donald C. Osborne, Agent  
4260 Warren Way  
Reno, NV 89509

Compared mc/jf js/bc

Protested 7/15/85 by Sierra Geothermal, Inc.  
Pro. wdr. 3/10/86

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion of the waters heretofore granted under Permit 40309 is issued subject to the terms and conditions imposed in said Permit 40309 and with the understanding that no other rights on the source will be affected by the change proposed herein.

It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production and the amount of fluid injected into the injection well to determine the total amount of fluid consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal to the source must be submitted together with the Proof of Completion.

(CONTINUED ON Page 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 1.0 ..... cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before..... July 2, 1986

Proof of completion of work shall be filed before..... August 2, 1986

Application of water to beneficial use shall be made on or before..... July 2, 1986

Proof of the application of water to beneficial use shall be filed on or before..... August 2, 1986

Map in support of proof of beneficial use shall be filed on or before..... August 2, 1986

Completion of work filed..... AUG 04 1986... IN TESTIMONY WHEREOF, I PETER G. MORROS,  
State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed..... my office, this..... 25th ..... day of..... April.....

Cultural map filed.....

Certificate No..... Issued.....

A.D. 1986.....

  
State Engineer

## (PERMIT TERMS CONTINUED)

An annual report for this well must be filed under this permit describing the amount of geothermal fluid consumed to a beneficial use for the calendar year. This report must also detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 723 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 1 percent of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto.